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WHOLE NUMBER 1904.

MASSACHUSETTS PLOUGHMAN

of the N. E. Agricultural Society LY AT "PLOUGHWAN BUILDING,"

NEWSPAPER DECISIONS.

e-ditorial.

JULY ON THE FARM.

The season which promised to be so early fellow who has not his first hay crop all se- Editor Massachusetts Ploughman: April and May had the drawback of long cured by the middle of July.

while a solution while and precision to be solution with a solution of the sol

TARKING COAM.

THE COAM.

TARKING COAM.

TARKING COAM.

THE CO

apt to be neglected. Towards the end of the month, after the pressing work of haying is over, there may be some days for ditching the low lands with reference to improving the soil, the latter is also in a measure three cheese factories, in two of which they make butter as well as cheese, with no coloring extract.

This may savor too much of a boastful spirit; but who does not honor an enterprising people, and give the honor where than that fed to other stock, as this succultance.

This may savor too much of a boastful was abundant, of large size and free fruit was abundant, of large size and free fruit

THE HAY CROP.

The present season has been wet and cold. just the weather for grass, and the crop is anusually early and abundant. The click of the mowing machine is already heard in the Editor Massachusetts Ploughman : 30.43 Bilk Street. (cor. Bevenshire #s. land, and the sooner the hay is housed the

n advance. \$3.00 if curing. The increased labor however, is name, and oblige, yours truly, E. S. P. Groveland, Mass., June 25, 1878. opt at the option of more than compensated by the increased value of the product. The practice of our Yes. The grass is a splendid specimen of fathers to let having run over into August the "Tall Meadow Oat Grass," the Arrhengand even to September was a folly which we therum avenaceum of the botanist. The trust young farmers will not repeat. If sample is taller than it usually grows, being grass is allowed to stand till the seed is matured the virtue departs from the stalks and
This is the ray grass of France, where it leaves and concentrates in the seed, leaving is held in very high esteem, producing an the forage no better than straw. As grass- abundant supply of forage, and valuable for seed is of little account for feeding purposes, pas'ures as well as for mowing, on account most of it being scattered before and during luxuriance. It flowers from May to July, harvest-we know no more wasteful farm and is very well worth using in a mixture of management than leaving the grass crop to early grasses, like Orchard grass, June grass, mature its seed. In the times of our fathers perennial rye grass, clover, &c. It starts there was some excuse for late haying, as it quickly, after mowing, and yields a thick was then a slow and fatiguing job, but in aftermath. It likes a deep, rich soil.—[ED. these days of mowers, tedders, horse-rakes and horse-forks, the farmer must be a slow

can hardly be called any earlier than usual at the present time. It has been marked by an abundance of weeds, while farm operaan annuament of weeks, who wery days in first attention. No sooner is it lodged than and rather coldnights. Real "corn weather" did not set in till near the end of June, and we apprehend that the haying, which, out and trodden under feet of cattle. We have one other specimen from the under ordinary circumstances, would have begun about the middle of June, is rather difference in value of different qualities of the same piece, containing one hundred and fif-

Questions & Answers.

TALL OAT GRASS.

I land, and the sooner the hay is housed the better, the better for the land and stock, and the better, the better for the land and stock, and the better every way except that early cut means the better every way except that early cut where I got the seed, they called it, "Tall grass requires a little more manipulation in Curing. The increased labor however.

in fact very little is carted to the barn, of its early and late growth and its great

TALL RYE.

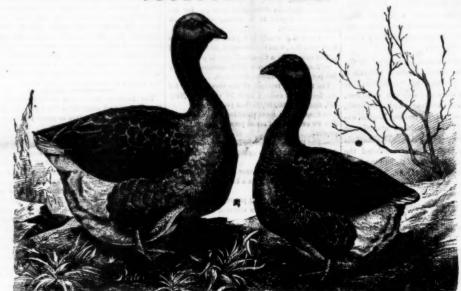
I noticed your account of a bunch of rye

apt to be neglected. Towards the end of the plant; and this vitality, so far as inorganic stand far ahead. In this town alone are

terms better purpose it is distributed to take of the top position grouple, and give any superior what is more any terms of a surround of the hope of the top position of the top of the trans, at this success is the convey of the surround. The position of the position of

TOULOUSE CEESE.

BOSTON, SATURDAY, JULY 6, 1878.



AND OWNED BY C. E. L. HAYWARD, PETERBOROUGH, X. H

The above cut represents a pair of Tou- large, weighing fifty pounds to the pair when Hayward seems to be one of the most extenise geese owned by Mr. Hayward, which full-grown, and he has goalings that weighed sive poultry-breeders in New England, and have carried off first premiums at twelve dif- forty pounds when they were six months old. his exhibitions at the State and other fairs ferent shows,—every time they have been The Toulouse are a hardy breed, thriving have been the admiration of all obserexhibited. Mr. Hayward's birds are very well with only water enough to drink. Mr. vers.

Stock Department.

WHOLE FODDER FOR COWS.

The kitchen garden needs careful attention now. In the hurry of other work it is ant to be neglected. Towards the end of the

The Sheepfold.

TEXAS SHEEP AND SHEPHERDS.

The Farm.

FOREST PROTECTION.

person \$1000, or \$100 more than the actual average. If it is true, as it certainly seems, that farmers work harder and live cheaper than other classes in the community, and still have less than one cent per day for themselves and their children, as the result of fifty years' work, I fail to see the profit. Does not this explain why the more enterprising boys leave the farms? The fact is the farmers raise crops and live on them, and with the surplus pay their taxes and interest and clothe their families, and often barely make the ends of the year meet. If out of and clothe their ramilies, and often carely make the ends of the year meet. If out of debt, they may deposit a little each year in the savings bank, and at the end of a long and laborious life, leave for their families from \$2000 to \$5000. Doubtless the probate records will show these last figures above the average.

The Grange.

PUBLIC CAUTION

setts " Grange, P. of H. No. 38, held at their headquarters in Boston, June 29, 1878, it was friends in the East. Having lived in Plymanimously voted that the Master of the etts State Grange be requested to having a great desire to go West, I started send the following Cautionary Circular to for Kinsley, Edwards County, Kansas, Nov. the local Granges of Massachusetts and to 17th, 1877, and arrived Nov. 24th. The the State Granges of the United States : Brothers :- We think it our duty to caution Granges against the increasing sale of country, I felt quite homesick. As I am a oisonous articles in our markets.

to the large emigration of mechanics arriving Arsenic is now sold at wholesale at about five cents a pound. to \$1.50 per day.) There has been imported into this country in a single year, two millions three hundred and twenty-seven thousand seven hundred and forty-two pounds. A single pound con- farming implements, a bakery, drug stores, tains a fatal dose for about twenty-eight three weekly papers, and all other business of a research which covers so great an hundred adult persons. What becomes of it? | carried on in the western city. When I We answer, a considerable portion goes arrived, fall ploughing and seeding was all nto our wall papers, figured and plain, glazed through with, although some ploughed all and unglazed; the cheapest as well as the through the winter months, on account of its but a small more expensive. It is found in white, blue, being an open winter. Dec. 18th, 1877, I red, yellow, green and other colors. The located south of the Arkansas, seven and

pale colors frequently contain more than the one-half miles from Kinsley, on one-fourth nost brilliant The editor of a leading Boston paper has rich, sandy loam, four to five feet in depth. recently stated that about eighty-five per Last fall, the wheat crop was of a very good cent. of all wall papers now manufactured average; the yield was twenty-seven bushels per acre. Feb. 1st, settlers began to sow

Arsenic and other poisons are also now through May and June, it bids fair for a gentlemens' underclothing, socks, hat linings, ten acres, six of which I planted with corn, ings of boots and shoes. They are found one with sorghum, two I propose sowing to woolens, silks, cottons and leather. titute of Technology found eight grains of been plenty for some time. On account of

arsenic in each square foot of a dress. Another of our chemists found ten grains arsenic in a single artificial flower. A child recently died in Troy, N. Y., by one to five hundred acres broken for fall to det taking arsenic from a veil thrown over its wheat. Knowing of the hard times in the crib to keep off flies.

East, I would advise any young man out of The Boston Journal of Chemistry states employment, with a few hundred dollars, to that they are now putting arsenic into toilet come to the Arkansas Valley, and procure a powders used in nurseries and by ladies, it good home and plenty of land while it is eing cheaper than starch of which they cheap, as it is being taken up very fast.

It would be well also for farmers to be careful in buying new kinds of cooking utensils. It was discovered last year that "marbleized iron ware" which had come into exensive use was, in the words of the Har-

with dangerous articles. It is well to buy only of the best and most

We think it would be a paying investment nails; that is, a nail made in the right way or the Grangers of each State to employ a competent chemist to detect and publish adulterations, and then withdraw all patronage from those who manufacture or sell, such

the Scientific American that probably

butter, which it is estimated will be made in this country this year, in which, as we are told by the Chicago Live Stock Journal, Professor Church has found horse fat, fat from bones, and fat such as is principally used for the making of candles, and in the preparation of which, as has been recently widely published, upon what seems to be reliable authority, not sufficient heat is used to kill the parasites, which enter and breed in this country this year, in which, as he we have a butter of the state of th Master of the State Grange of Massachusetts.

> The above paper was prepared by brother Geo. T. Angell, chaplain of the "Massachu-setts" Grange, of Boston, and who is also a director of the American Social Science Association, and President of the Massachusetts Society for the Prevention of Cruelty o Animals.

Correspondence. LETTER FROM ARKANSAS.

Editor Massachusetts Ploughman:

Having read the Ploughman, I wish to at Rothamsted. ontribute a few lines for the benefit of my [Correspondence of the New York World.] mouth County from boyhood, and always

London, June 11.—The experimental farm of Rothamsted has won a world-wide fame from the great value and long continuance of the field experiments which have been conducted upon it. Having enjoyed the opportunity of a run over this remarkable property, in company with Messrs. Lawes and Gilbert, whose names are synonymous with Methamsted, and agricultural progress. morning I arrived, it was quite stormy with high winds, and being a stranger in a new with Rothamsted and agricultural progress for more than forty years, the writer be-lieves that a summary notice of the ori-gin, plan and results of these field exper-iments will be read with interest by all carpenter, I soon found employment. Owing at Kinsley, daily wages were very low (\$1.00 iments will be read with interest by all intelligent persons in the United States, whether they are personally concerned with agriculture or not. Of course our notice must necessarily be brief and very general, Kinsley is a growing city. It affords quite a number of grocery stores, hardware and extent of time, and many thousand carefully conducted experiments both in the field and the laboratory, and the literature of which section of government land. The soil is a great entailed estate of over a thousand rich, sandy loam, four to five feet in depth.

Last fall, the wheat crop was of a very good from London, on the Middand Railway, near hearts of excellent land in Hertfordshire (familiarly called Herts), twenty-five miles from London, on the Middand Railway, near hearts of the property. research of which it is the theatre. It is Harpenden Station. Entering the property contain srsenic, and advises his readers to abandon their use, and paint their walls. The Boston Journal of Chemistry states that the manufacture of these papers is increasing.

Boston Journal of Chemistry states that the manufacture of these papers is increasing.

March, I hired three acres of prairie broke, hides the house and lawn, suddenly in front the containing the property by a drive through an extensive park of noble old oaks, such as can rarely be seen out of England, the visitor is brought by a drive through an extensive park of noble old oaks, such as can rarely be seen out of England, the visitor is brought by a drive through an extensive park of noble old oaks, such as can rarely be seen out of England, the visitor is brought by a drive through an extensive park of noble old oaks, such as can rarely be seen out of England, the visitor is brought by a drive through an extensive park of noble old oaks, such as can rarely be seen out of England, the visitor is brought by a drive through an extensive park of noble old oaks, such as can rarely be seen out of England, the visitor is brought by a drive through an extensive park of noble old oaks, such as can rarely be seen out of England, the visitor is brought by a drive through an extensive park of noble old oaks, such as can rarely be seen out of England, the visitor is brought by a drive through an extensive park of noble old oaks, such as can rarely be seen of the seen of t Arsenic is also used in tickets, paper curtains, covers of boxes, papers containing confectionary, and other papers.

which I planted to corn. Owing to dry weather in March and April it was slow about coming up, but having plenty of rain about coming up, but having plenty of rain which has been extended in the same style Arsenic and other poisons are also now sed in the coloring matter of ladies' dresses; splendid crop. A short time later, I broke entlemens' underclothing, socks, hatlinings, ten acres, six of which I planted with corn, interesting house was, in the early days of Prof. Nichols of the Massachusetts In-titute of Technology found eight grains of been plenty for some time. On account of beautiful roses, trained to the eaves on being a poor man I have not done so much dows, with their antique glass and thick as some that have had more capital. Those set mullions. The cons that came here with money have got from to describe the ancient oak carvings of the great hall, or the banqueting-room and library, all panelled in English oak and ornamented with old family portraits and rical relica: for we have to do

> C. C. H. Arkansas Valley, June 22, 1878.

buckwheat, and one to turnips. I have quite

The Yorse.

should the horse with poison;" the enamel being largely composed of oxide of lead in soluble form. We are assured that other poisonous ware is still sold.

Let Grangers refuse to buy new ware unless guaranteed harmless.

Many flavoring oils and syrups contain poisons. It is well to avoid them so far as possible.

SHOEING THE HORSE.

The Rev. W. H. H. Murray, who is well posted on the horse, says, about shoeing:

We have frequently referred to the correct principle of horse-shoeing; but there are many matters of detail that, if overlaid down. The nails should be quite small, and driven in more gently than is the custom. There is no reason why the smith should strike a blow at the little nail-head for the leading scientific bodies of the United Kingdom. Coming into possession of tis hereditary property in 1843, Mr. Lawes commenced his experiments with different fertilizing materials, first in a small way, with plants in pots, and soon on a larger and increasing scale in the field. This, it will be observed, was before Lie-big commenced his renowned labors in agricultural chemistry, and when, aside from the early labors of Davy, there were scarcely any available researches in this possible.

Tea, coffee, cocoa, and chocolate are all iable to be adulterated and to some extent pointed and slenderly headed nail is not a lenderly headed nail is not a correct the carried and to some extent pointed and slenderly headed nail is not a correct the carried part of the carried part habors of Davy, there were scarcely annowable to recommend the carry labors of Davy, there were scarcely annowable to carry labors of Davy, the carry labors of Davy, the carry labors of Davy, the carry labors o pointed and slenderly headed nail is not a wrought-iron spike; and yet you will see then nailer whack away at them as if it was a matter of life and death to get them

liable druggists.

Sewing silks and threads are made heavy with lead, and poison those who use them. Thousands of barrels of "terra alba" or white earth, are every year mixed in various forms with our sugars and other white substances. Its use tends to produce stone, kidney complaints, and various diseases of the horse to temporary if not permanent injury.

Gentleness should be exercised in clinching the nail. Never allow a smith to touch a rash to the outer surface of the hoof. the stomach. A large part of our cream of tartar used in cooking contains fifty per cent or more of "terra alba."

a rasp to the outer surface of the hoof. Nature has covered it with a thin filament of enamel, the object of which is to protect the inner membrane and fibre from extect the inner membrane and fibre from exposure to water or atmosphere. This enamel is exacely what nature puts onto the surface of your finger-nail, reader. Under no face of your finger-nail, reader.

THE WEED NUISANCE.

from the best material.

Weeds will assert their rights whenever We think there is quite as much need of organizations in all our States to enforce laws for the protection of public health, as there is for organizations to catch and punish horse thieves.

In conclusion we can congratulate the Granges that farmers are exempted from some of the dangers to which other classes some of the dangers to which other classes apread on the earth, these weeds grow and give us a world of trouble. We have heard this objection over and over again; and many either burn their weeds or cart them any either burn their weeds or cart them. in the Scientific American that probably half the vinegar now sold in our cities is the rank poison."

We make our own pickles. A Massachusetts chemist, who analyzed twelve packages of pickles put up by twelve different wholesale dealers, found copper in ten of them. We have pure milk and genuine cream, We have pure milk and genuine cream,

we have pure milk and genuine cream, and not the manufactured material which so largely supplies our cities and populous towns.

It was estimated by a medical commission of the Boston Board of Health, in 1874, that nearly \$500,000 was paid in that city, in that year, for what purported to be but was not, milk.

In a similar refuse, than aid in the waste of good material which we so often see.

Even where there is likely to be much objection from weed-seeds in a manure-heap, provided the vegetable refuse is likely to be valuable, the seeds may be destroyed by the seeds to sprout; and if the whole mass causes the seeds to sprout; and if the whole mass is turned over once or twice so as to give air enough to all the seeds in time to germinate, all the objectionable matine to germinate and in the waste of good material which we so often see.

Even where there is likely to be much objection from weed-seeds in a manure-heap, provided the vegetable refuse is likely to be valuable, the seeds may be destroyed by the decurately catalogued, forming an about 30,000 bottles, all systematically classified and accurately catalogued, forming an individual about 30,000 bottles, all systematically classified and accurately catalogued, forming an individual about 30,000 bottles, all systematically classified and accurately catalogued, forming an individual about 30,000 bottles, all systematically classified and accurately catalogued, forming an individual about 30,000 bottles, all systematically classified and accurately catalogued, forming an individual about 30,000 bottles, all systematically classified and accurately catalogued, forming an individ that year, for what purported to be but was not, milk.

In a similar period of time there were 487 deaths of "Cholera Infantum" in Suffolk County, while in the same population outside the city there were less than 100.

And lastly, we are not compelled to eat oleomargarine cheese, or any part of the innety million pounds of oleomargarine cheese, or any part of the innety million pounds of oleomargarine butter, which it is estimated will be made in this country this year, in which, as we are told by the Chicago Live Stock Love was material, however valuable in the abstract it may be — Germaniown Telegraph. stract it may be. - Germantown Telegraph.

The Ohio Farmer publishes two pro-The Onto Farmer publishes to pro-tectives for the corn-fiel is against crows and blackbirds. One is too worthless to re-print; the other, which is the following, may possess merit: "Take two small, cheap mirrors, fasten them back to back, attach a cord to one angle, and hang them to a pole.
When the glass swings, the sun's rays are reflected all over the field, even if it be a large one; and even the oldest and bravest crows will depart precipitately, should one of its lightening flashes fal! on it."

A fruit-grower at Elmira, N. Y., says

ENGLAND'S GREAT FARM.

Professor Silliman Describes the Great Work to which Mr. Lawes has Devoted his Life and Fortune-Important Results to the World of his Agricultural Experiments

the hands certainly of any private individ

John Bennet Lawes, Esq., was the founder of the Rothamsted experimental station, and, although in full vigor, has passed a long and active life in prosecuting his work, with the aid, since June, 1843, of was a matter of life and death to get them entirely set in at two blows of his hammer.

Drugs are largely adulterated. It is well to buy only of the most experienced and reliable druggists.

was a matter of life and death to get them entirely set in at two blows of his hammer. Insist that the nailer shall drive his nails by the traditions of English country life, a young man is expected to devote himlence. In this case, if his nail is badly self-chiefly to horses and hounds. Discontinuous control of the section of the love of it and for the good or mankind, commencing at a time of life when, by the traditions of English country life, a young man is expected to devote himlence. In this case, if his nail is badly

It is also used extensively in confectionery, and various poisons are used in coloring confectionery.

Mills in various parts of the country are now grinding white stone into a fine powder. It is stated that they grind at some of these mills, three grades, soda grade, sugar grade, and flour grade.

We think it would be a paving investment of the substant of the su of such magnitude both for area and time as would settle upon a strong and safe basis the fundamental principles of agricultural practice. It is difficult to over-estimate the value and importance of such researches, if properly conducted, as they effect the very foundation.

dations of national prosperity and individual happiness in all civilized communities.
In 1854-5 the researches of Messrs. Lawes and Gilbert had already attracted so mucl attention that a new laboratory was built for them by public subscription among agricul-turists and presented to Mr. Lawes in July, 1855, from which the old barn-laboratory in which the work was begun was abandoned, and it has since been carried on in the new one, which has become so well known to chemists the world over. Dr. Gilbert has had the direction of the laboratory since 1843, aided by a considerable staff of assistants—two or three chemists and the same number of general assistants, one of whom is usually employed in routine chemical puters and record keepers, who are occupied in calculating and tabulating field, feeding and laboratory results, copying, &c. Besides the permanent laboratory staff chemical asthe permanent isobratory start chemical as-sistance is frequently engaged in London or elsewhere. In this way, for some years past, Mr. R. Richter, of Berlin, has been almost constantly occupied with analytical work sent from Rothamsted. In addition to all sent from Rothamsted. In addition to all this are the laboratory servitors, while the field experiments and feeding employ a considerable number of agricultural laborers. This statement will give some idea of the extent of the work and how thorough and systematic it is. The investigations naturally fall under two distinct heads: First, field experiments—those on growing plants, &c.—and second, experiments on animals, &c. The general scope of the field experiments has been about as follows:

To grow some of the most important crops, which were usually grown in rotation, each separately, year, after year for many wears in

for centuries, and enriched only with barn-yard manure, that the flora contained about ifty species of plants, which were tabulated of these meadow planes are subordinated ent to the more useful in such a wa certain mineral manures only, while the anmal average clip for twenty years has rise

some of the most noxious weeds they seem curious in such matters will wish to know what the exact treatment in this case was, and the facts are of sufficient interest For example, in this particular

the number of species of plants has

ished from lifty to about twenty, and then the most useful of the grasses, etc. No

nated, but rather that they are smothered

The silicate of soda was commenced only in 1862, or thirteen years after the series of experiments were entered on. Its effects are most marked, for while the average for he first twenty years of hay cut was about 61 hundred weight, it rose for the twenty second season (1877) to the enormous ag-gregate of 110 hundred weight! But it be stated that in this year there were nuously fertilized with mineral manures of the above composition gave 5 1-2 tons of another treaty. ave 2 1-5 tons. It will be seen that the nly source of nitrogen added by this treatment was from the salts of ammonia, while the carbon was evidently obtained by the composition of the soil in this as in total depth of 54 inches, was carefully deter-mined, and also the dry heath ash, nitrogen, woody fibre, fatty matter and composition of ash of the crop, and the percentage by weight of each species of grass and other plants in the mixed herbage accurately de-

cited above. This maximum for barnyard The old notion that a cerganic matter, is essential to enable pla nilate carbon is an error, since the high arbonaceous substance added to itrogen, the most essential element of

countryman, Dr. Evan Pugh, many years since, and was decided in the negative. The regard to make decided in the negative. The regard to leave the worked so long and so well.

The wheat field called "Broadbulk," of about thirteen acres, offers a most instructive and interesting study, as we saw it on the 8th of June, under the guidance of Mesars. Lawes and Gilbert. It needed to be the Side and the test immense disparity better by the early the side of the thirteen acres, offers a most instructive and interesting study, as we saw it on the States in the best of June, under the guidance of Mesars. Lawes and Gilbert. It needed to be the side of June, under the guidance of Mesars. Lawes and Gilbert. It needed to be the side of June, under the guidance of Mesars. Lawes and Gilbert. It needed to be the side of June, under the guidance of Mesars. Lawes and Gilbert. It needed to be the side of June, under the guidance of Mesars. Lawes and Gilbert. It needed to be the side of June, under the guidance of Mesars. Lawes and Gilbert. It needed to be the side of June, under the guidance of Mesars. Lawes and Gilbert. It needed to be the side of June, under the guidance of Mesars. Lawes and Gilbert. It needed to be the side of June, under the guidance of Mesars. Lawes and Gilbert. It needed to be the side of June, under the guidance of Mesars. Lawes and Gilbert. It needed to be the side of June, under the guidance of Mesars. Lawes and Gilbert. It needed to be the side of June, under the guidance of Mesars. Lawes and Gilbert. It needed to guidance of Mesars. Lawes and Gilbert. It needed to guidance of Mesars. Lawes and Gilbert. It needed to guidance of Mesars. Lawes and Gilbert. It needed to guidance of Mesars. Lawes and Gilbert. It needed to guidance of Mesars. Lawes and Gilbert. It needed to guidance of Mesars. Lawes and Gilbert. It needed to guidance of Mesars. Lawes and Gilbert. It needed to guidance of Mesars. Lawes and Gilbert the Gilbert the guidance of Mesars. Lawes and Gilbert the Gilbert the guidance of Mesars. Lawes a The period time of these experiments are two and principles are generated. The banks of wheet per exp, may for it banks of wheet per exp, and the terms of the transport and the per exp, and the terms of the terms of the transport and the per exp, and the terms of the terms was wanting, namely, ammonia, and consequently we find, when this is added to the diture of means.

Mr. Laws has shown his real regard for the welfare of his farm laborers and tenants by his efforts to promote their happiness in various ways. We chanced to be with him on occasion of the anniversary of his allotten the dignity and glory of the peaceful agrifler. The work of wo

SOCIETY.

FAIR TO BE HELD IN WORCESTER, MASSACHUSETTS.

that the other thirty have been extermi-

The New England Agricultural Society surpass them all. It will gather up their received prizes, in addition to the Marquis has perfected an arrangement with the Worcester Agricultural Society, by which a
joint exhibition will be held in the City of
Worcester, Mass., Tuesday Wednesday, Thursday and Friday, Sept. 3d, 4th, 5th, and 6th, 1878.
The Exhibition will open at ten o'clock in the
forenoon, on Tuesday, Sept. 3d, and close on the
afternoon of Friday, September 6th.

The Solution of Exeter and Lady Pigot already mentioned, were Mr. Geo. Fox, Mr. R. Bruce,
and her majesty the Queen, with honorable
make the Fifteenth Annual Fair a memorable one in years to come, to which visiday and Friday, Sept. 3d, 4th, 5th, and 6th, 1878.
The Exhibition will open at ten o'clock in the
forenoon, on Tuesday, Sept. 3d, and close on the
afternoon of Friday, September 6th.

Among the sheep, Lord Walsingham's

Toronton, on Tuesday Wednesday, Thurstors will look back with just pride and glory in
having assisted at its success. We contemplate its approach with an accession of confiThe colored emigration experiment to Litors will look back with an accession of confihaving assisted at its success.

We contemplate its approach with an accession of confiThe colored emigration experiment to Litors will look back with an accession of confihaving assisted at its success.

We contemplate its approach with an accession of confiThe women in San Francisco have become
such speculators at the stock-board that the
such speculators at the stock-board that
such speculators a

300 Prem. 100 Prem. 200 Ploughman, a. 392 at an early day. Correspondent conner

The rowing matches continue, and crowds

of people are found to be interested in them wherever they occur.

ight respectively, and that the unmanured ground next ad-

There is ascertained to be a deficiency of reproduction in the soil and through the vast ome eleven millions of dollars in the reve- kingdom of vegetable life? It is wise to

nue for the last fiscal year, which is duly ac- look at this matter from its practical side, counted for by various causes. The failure of a well-known young ladies wisdom. oarding school in New York for \$145,000

ity of 100 degrees indicates suffering on

every hand. one will carry the production only to a that will astonish the world at our product searching industriously all around them for products of various other kinds in large ton to reside in any other city, as was rumored

tiveness.

runny, perhaps, for both cereals and grasses, is supplied most readily by use of the supplied most readily by use of the supplied most readily by use of the fourth of July used to be heat. not attainable by the use of such salts alone, known; but times have greatly changed Let the spirit that to-day animates the beausince the effect of such nitrogenous fertilizers is much enhanced by the use of silicate of soda; and ammoniacal salts alone do not effect the same results which are attained when they are used in connection with certain alkaine salts, whether sulphates or nitrogen in the form of nitrate of soda or potassa fails signally to promote, on grassiand, the production attained by the use of the sulphates of the same alkaline bases when ammoniacal salts are used as the source of the nitrogen. The question of whether plants can assimilate directly free or uncombined nitrogen was carefully investigated at Rothamsted by our lamented countryman, Dr. Evan Pugh, many years since, and was decided in the negative. Dr. Pugh's memory is tenderly cherished in the place where he worked so long and so well.

The worker fold called if Researchilk.

Since then, and the sentiment that clusters inful city of Worcester agriculturally become inful city of Worcester agriculturally become around the Day is visibly modified from its form on its fluctive contagious in all the towns and cities and on all the farms of New England.

The BERLIN CONGRESS.

The Times Sprin destion was settled at to-day's sitting of the congress in accordance with the Austrian contagious in all the towns and cities and on all the farms of New England.

The chief part of the task which was voluntarily imposed upon itself by this body is expression, and instead of indulging in international resentments we dedicate the hours to contemplated Austrian militarily imposed upon itself by this body is nearly over, with every settled indication of the assurance of permanent peace. The towns and cities and on all the farms of New England.

The chief part of the task which was voluntarily imposed upon itself by this body is nearly over, with every settled indication of the assurance of permanent peace. The towns all the farms of New England.

The chief part of the task which was voluntarily imposed upon itself by this body is nearly over, with every settled indication of the a

experiments here been varied by an estudy of the complete of t

experiments upon permanent meadow or ment provided for them under a tent. We park grass land have been continued over may take occasion to recur to this again as people in unparalelled numbers have been best of the Shorthorn females, had no bull, the Atlantic. t is, will be fully mastered by the efficient and were again the winners over all the rest, management, and be sure to provoke the by the large vote of 24 to 7. Including class admiration and gratitude of the attending prizes, the winnings of this herd were over

multitudes. From every symptom and from \$1,500, beside several medals. all quarters is to be drawn the conclusion ducers, was awarded to a herd of Flemish The champion prize for the best milk-prothat this will be the noblest and grandest cattle. It is very unfortunate that Jerseys No. 45 Milk Street, Buston, July 1, 1878.

To Larmers, Mechanics, Artisans and exhibition ever yet undertaken by the New and Guernseys were not represented in this all other Persons Interested in the England Agricultural Society. Brilliant as its long line of predecessors undeniably has cultural Society for the year 1878:

been, this Fair is confidently expected to The Region of Shorthern who

tronhies, and add liberally to them. It will of Exeter and Lady Pigot already menthe selection of Friday, September 6th.

It is designed to make this Exhibition complete every department and to that end a liberal dence and pride which is fully warranted by all the current symptoms and promises. We ponding to those of Mr. McCombie's cattle;

Among the sheep, Lord Walsingham's South Downs were awarded honors corresponding to those of Mr. McCombie's cattle;

— Saturday's exodus by steamers to Europe and mygiene. They are insight to locate organism and trace the rivers of fore tries, but are never taught to locate organism are running treely in the Merrimac.

— It looks now as if there were going to be Premium List is published in the Massachusetts the current symptoms and promises. We ponding to those of Mr. McCombie's cattle;

the current symptoms and promises. We predict that it will be a Fair that will lift the corrent symptoms and promises. We predict that it will be a Fair that will lift the at an early day.

Correspondence is invited upon any and all subjects connected with the contemplated Exhition.

DANKEL NEEDHAM.

Secretary New England Agriculture in a position of advantage and honor in which holding Fairs in Mass., that of the Essex at Lawrence should be Sept. 24th and 25th.

The current symptoms and promises. We predict that it will be a Fair that will lift the current symptoms and promises. We predict that it will be a Fair that will lift the current symptoms and promises. We predict that it will be a Fair that will lift the current symptoms and promises. We predict that it will be a Fair that will lift the collection at an early day.

BANKEL NEEDHAM.

Secretary New England Agriculture in a position of advantage and honor in which holding Fairs in Mass., that of the Essex at Lawrence should be Sept. 24th and 25th.

DANKEL NEEDHAM.

Secretary New England Agricultural Society.

Correspondence is invited upon any and all study is the current symptoms and promises. We predict that it will be a Fair that will lift the current symptoms and promises. We predict that it will be a Fair that will lift the current symptoms and promises. We predict that it will be a Fair that will lift the current symptoms and promises.

BANKEL NEEDHAM.

Secretary New England Agriculture in a position of advantage and honor in which nothing can disturb it save its own impossible according to those of Mr. McCombie's cattle; he obtained the grand prize of 1,500 francs, given by the Government for the best group collection and a trily torridations. The transfer on the times were going to be truched in the current symptom and all stant and promises. We predict that it will be a Fair that will lift the current symptom and left wave which of the times are level taught to located: —

The value given by the Government for the best group collection and a priz were well represented.

been passing through was precisely the ex-

The royal commission of Great Britain has brought in a report on the subject of Extradition, which will undoubtedly result in another treaty.

"All's well that ends well." We must be understood to take it just as it comes. We are and do not take it just as it comes. We are and location for it conclusion, that the French authorities, desirous of treating the English exhibitors and wood sixty-seven prisoners in it, of which number five as the last with colored another treaty.

It looks squally on the Mexican border, yet the troubles now existing there are not new ones. They can lead to war easily enough at any time.

fruits expand into a condition for repensing the earth receives its baptism of fire for the destruction of its pests and the renewal of its virtues. What could we do for ourselves without these torrid terms, brief as they are at the longest, to bring about the work of at the longest, to bring about the work of at the longest, to bring about the work of at the longest, to bring about the work of at the longest, to bring about the work of at the longest, to bring about the work of at the longest, to bring about the work of at the longest, to bring about the work of at the longest to bring about the work of at the longest to bring about the work of at the longest the longest to bring about the work of at the longest to bring about the work of at the longest to bring about the work of at the longest to bring about the work of at the longest to bring about the work of at the longest to bring about the work of at the longest to bring about the work of at the longest to bring about the work of at the longest to bring about the work of at the longest to bring about the work of at the longest to bring about the work of at the longest to bring about the work of at the longest to bring about the work of at the longest to bring about the work of at the longest to bring about the work of at the longest to bring about the work of at the longest to bring about the work of at the longest to bring about the work of at the longest the longest to be at the long

boarding school in New York for \$140,000 |
The results of the intense heat to which has created much talk for a subject of that character, the amount involved evidently being the chief cause of it.

The results of the intense heat to which head were shipped from New York on the vegetation has for several days been subjected are yet to be ascertained, but they are certain to manifest themselves in due course to be a several days been subjected are yet to be ascertained, but they are certain to manifest themselves in due course to be a several days been subjected are yet to be ascertained, but they are certain to manifest themselves in due course to be a several days been subjected at the country and it is stated that one firm in that city have sent out certain to manifest themselves in due course to be a several days been subjected at the country and it is stated that one firm in that city have sent out certain to manifest themselves in due course to be a several days been subjected at the country and it is stated that one firm in that city have sent out certain to manifest themselves in due course to be a several days been subjected at the country and it is stated that one firm in that city have sent out certain to manifest themselves in due course the country are considered as a present 10,000 oil wells in the country. certain to manifest themselves in due course 8,000 head since Feb. 1st.

The heated term continues, and people are working harder to keep comfortable than to earn a living. Mercury all day in the vicinday. Hay, where it is still uncured, is com- nearly 500 cattle from Illinois and Kentuc- - It is reported that the New York and New ing forward to perfection just as fast as the farmer can transport it to shelter. The great wards of \$15,000, and 300 sheep. Among wheat harvest is going on under the most shipments by other years. The crop reports from all points in the wheat harvest is going on under the most shipments by other vessels, were horses, purposes, which was retused by the Legislatur country continue astonishingly favorable, and a general yield is confidently anticipated ground are improving at a wonderful rate, he food which should be placed there, and quantities.

The Turkish representative in the Berlin Congress is indignant at what has been done with the territory of the Porte, and protested in corresponding terms. But Bismark spoke up in language not to be mistaken, and the probability is that Turkey will wholly subside.

THE GLORIOUS FOURTH.

It was by this title, oftener than by any ofter, that the Fourth of July used to be known; but times have greatly changed since then, and the sentiment that clusters are the first are contagious in all the towns and cities and on the contraction of the sentiment that clusters are day and the probability is that to-day animates the beautiful city of Worcester agriculturally become since then, and the sentiment that clusters are contagious in all the towns and cities and on the contract of the later harvest in early October. And the fruits are advancing on the trees and vingorous for the later harvest in early October. And the fruits are advancing on the trees and vingorous for the later harvest in early October. And the fruits are advancing on the trees and vinse with visible gaped, apples and pears and peaches and grapes each and all giving bounteous pledges of the enjoyment that is to come. This is what the warm weather is doing, and therefore we ought not to complain. It is too great a work to regard with a childish petulance because we are incommoded a little with the heat.

Let the spirit that to-day animates the beautiful city of Worcester agriculturally become since then, and the sentiment that clusters and on the sentiment that clusters.

Let the spirit that to-day animates the beautiful city of Worcester agriculturally become since then, and the sentiment that clusters are contagious in all the towns and cities and on the sentiment of the method of the region of the region of the engine for the fruits are despatch from Berlin says: "The congress has decided to cede to Russia that portion of Resarch to the first that the Chilar All section of the sentiment of the orderes and one of the orderes and congress has also decide

cannot be waived.

— The College Commencements being over the facilities for the transaction of this highly im-

- The new Boston Directory contains eighteen Atlantic coast.

The English exhibitors of Shorthorns who dredth trip across the Atlantic on Wednesday.

looked forward to when the mercury was down in the neighborhood of zero. So that we are simple grumblers if we run out at it, we are simple grumblers if we run out at it, and we are simple grumblers if we run out at it, and we are simple grumblers if we run out at it, and we are simple grumblers if we run out at it, and we are simple grumblers if we run out at it, and we are simple grumblers if we run out at it, and we are simple grumblers if we run out at it, and we are simple grumblers if we run out at it, and the simple grumble grumblers if we run out at it, and the simple grumblers if we run out at it, and the simple grumblers if we run out at it, and the simple grumble grumblers if we run out at it, and the simple grumblers if we run out at it, and the simple grumblers if we run out at it, and the simple grumblers if we run out at it

in sundry quarters.

— June went out with its customary hot spell.

inneapolis to Liverpool.

 The antique processions on the Fourth werbundant and laughable hereabouts.

 The Troy and Boston Railread Company lines to assign the lease of the Southern Ve ont Railroad to the State, according to an ac

nuch sought after as ever. - The Massachusetts Press Association have en among the mountains during the week. - There has been some rare fancy shooting of te at Beacon Park, by a Dr. Carver, of Califor-

- Prof. Perry has been co

ms' College for twenty-five years.

- Judge Nathan Clifford and wife celebrated ir golden wedding at Portland, on the Fourth. There is nothing going on among the Saturay Clubs in Boston just at present. - The landlords at the seaside express themhave been having.

In this city, 30th ult., by Rev. James Reed, Mr daurice W. Turner to Miss Abbie R. Corliss, both o - Michigan University has abolished Com cement speaking.

Domestic Markets

WHOLESALE PRICES.

BOSTON PRODUCE MARKET.

Rice. - The market is quiet, but prices con-

Starch is quiet, and we quote 32(@4c for potatory the carload, and 34@34c for corn.

Sugar continues dull, but there is no pres

Then the amount of ashes is accurately determined, and the ashes themselves preserved in glass bottles for future reference or analysis. By this laborious process, conducted with scrupulous exactness, are the materials obtained upon which are founded conclusions from which there is no escape. In a large number of cases—many thousands in a large number of cases—many thousands in the surface of the want of the want form the subject of an analysis. By this laborious process, conducted with scrupulous exactness, are the materials obtained upon which are founded conclusions from which there is no escape. In a large number of cases—many thousands in the first of the weating of animals, out these interports of the sake in portange of the solution of problems of such practical moment to the materials obtained upon which are founded conclusions from which there is no escape. In a large number of cases—many thousands in a large number of cases—many thousands in the fattening of animals, out these index of a schedule of the solution of the such that the subject of another letter. Such an occasion in this country before. This will ensure absolute comfort and undiminished enjoyment to the vast through the daing, kitchen near of a family and four fermales, bred out of France by one exhibitor. This award went to the Scotch Polis of Mr. McCombie, a second place going to Sir George Grant's herd of the same of the sa into their new house, which, though not entirely

might emulate to advantage.

Quite an excitement was created at South Fram-ingham Tuesday afternoon by a mad dog which may take occasion to recur to this again as an interesting example of a social experiment looking to the amelioration of the working classes.

B. SILLIMAN.

Comparison of the power of the state daily attendance on the Fair has thus been burstened by the study of its convenience and comfort. The task, however, great as it is, will be fully mastered by the efficient or and comfort. The task however, great as it is, will be fully mastered by the efficient or and comfort. The task however, great as it is, will be fully mastered by the efficient or and comfort. The task however, great as it is, will be fully mastered by the efficient or and comfort. The task however, great as it is, will be fully mastered by the efficient or and comfort. The task however, great as it is, will be fully mastered by the efficient or and comfort. The task however, great as it is, will be fully mastered by the efficient or and comfort. The task however, great as it is, will be fully mastered by the efficient or and comfort. The task however, great as it is, will be fully mastered by the efficient or and comfort. The task however, great as it is, will be fully mastered by the study of its convenience in the place of the place of the place of the full will be fully mastered by the study of its convenience in the place of the ecrology lists are next making their appearance.

—There is a seven thousand pound choose reperior. It is confidently anticipated that with orted up in Canada somewhere. —People are occupying their door steps and be concentrated at this port, which is not exercised more than they did six months ago.

And the King of Italy shaves his man.

And the King of Italy shaves his man.

This is dividend week, and a great many sopie are feeling quite comfortable.

The Cunard steamer Russia made her hunived the properties of the laws the govern our physical being, and of which to govern our physical being and of which to gover

were well represented.

In Swine, Mr. Sexton's Black Suffolks
The intensely heated term we have just been passing through was precisely the expressing through was precisely the expressions through was precisely the expressions which we freely covered and energy we the find the sum to be in gany that is calculated to import to the many which we freely covered and energy we the find the sum to be in gany that is calculated to import to the many which we freely covered and energy with the sum to a find things we welcome into being any that is calculated to import to the many which we freely covered and energy with the sum to a find the sum to be in the sum of things we welcome into being any that is calculated to import to the many which we freely covered and energy with the sum to a find the sum to be in the sum of the mon Scuse Medical Adviser to be just such a ordinary ha work. It is pysiological and pathological, and the major part of it should be converted into a at \$1800@1

of miles between the earth and the sun than there was six months ago. One would scarcely think it, from the condition of the atmosphere.

— Last Sunday, three large ocean steamers arrived at this port to receive cargoes for Europe.

That looks something like a strengthening of the latter of the

SPECIAL NOTICES

ADVICE TO BOYS. Be wise to-day "-improve your time, To fit yourself for future years; With care avoid all vice and crime, And to the winds cast all your fears;

No harm to you shall ever come If you will heed this kind advice; A "SUIT" from head to feet complete,

Be wise"—and trade as Go And when, perchance you need new "CLOTHE se"-and trade at GEORGE FENNO'S,

July 3, 1878, at 3 P. M.

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United States Bonds, various issues,

nupon and Registered. City and Town Bond med for strictly Municipal purposes. For sale l Bankers, 35 Congress Street.

MARRIAGES.

BOSTON BUTTER MARKET.

5; extra, 1909grs, more actic for farmers—yearlings to 0.031500; two-year olds, \$12428; three-year olds, 23625c. Souther 246 44.

Sheep, Wool-Per B, live, 4 \$4jcts; extra, 5 \$6 ordinary skins, 30633c.

Sheep and Lambs \$\Phi\$ head, in lots, \$2 506550; c. Sheep and Lambs \$\Phi\$ h

Beeves. Sheep. Beeve tchburg... 1014 1344 Eastern. owell. 102 3443 On foot and boats.... Total ...

Agricultural Fair of the New England Society, and her citizens show an enthusiasm which

102 G. W. Hollis... 592
Lingbam Black 392
400 D. Thompson. 128
G. N. Laduc... 200
15 Swift Bros & Co.113
51 Leavitt & Son... 83
200 A. White... 48
200 Stetson & Co. 16
181 J. Cowley... 20

WATERTOWN MARKET. Unson Market, Tuesday, July 2, 1878. Receipts of cattle at this landing for the week figure 116 head, of which 620 head are shipping cattle. The northern cattle arrivals did not run very much into choice oxen, although there was a sprinkling of what we may expect as the sea-Broom Corn.—The broom-makers purchase in a hand-to-mouth way, and we continue our quotation of 6@7c., as to quality.

Hops are in light demand from the home trade, but there is a fair inquiry from abroad. The new crop is developing promisingly. He new crop is developing promisingly.

We quote 6@ 8e for 1877; 4@6c for 1876; 6@c for 1875; —@—c for old olds; and —@—c for new Californias. Malt, 60@80e for two-rowed state, and 85e@\$1 05 for six-rowed Canada. walts. We quote fancy Minnesotas at \$5.75@ nois and St. Louis, with a few brands seling at \$2.5; Ohio, Indiana and Michigan range from \$5.00@3 50 #f bbl., but it would be difficult to sell a round lot above \$5.25; Minnesota and Misconsin extras at \$5.00@3 25 #F

WESTERN CATTLE.

PRICES # B ON THE TOTAL MARKET.

Boston face, \$14.00@16.00; Calcined Plast \$1.75; Lime, 75@80c; Hair No. 1, 20c; do. N. 2, 10c.

QUINCY MARKET, BOSTON.

Reported expressly for the Ploughman, for the week ending July 6.

BRIGHTON MARKET.

WESTERN CATTLE.

PRICES # B ON THE TOTAL MARKET.

BEFF.

Boston face, \$14.00@16.00; Calcined Plast \$1.75; Lime, 75@80c; Hair No. 1, 20c; do. N. 2, 10c.

QUINCY MARKET, BOSTON.

Reported expressly for the Ploughman, for the week ending July 6.

BRIGHTON MARKET.

WESTERN CATTLE.

PRICES # B ON THE TOTAL MARKET.

BEFF.

Corn.—There is a moderate demand for conumption, but prices are firm at 48@50c # bush
or mixed and yellow.

Extra 600d to prime. 436 83iu.

A few lots of premium steers cost.

Brighton Market, Tuesday and Wadden sumption, but prices are firm at 48@50c \$\psi\$ bush for mixed and yellow.

Onts.—The demand is light, but prices are well sustained, and we quote mixed oats from 32 \$\circ{\pi}{\pi}\$ 2d and 3d. There does not as yet appear to be any falling off in receipts of cattle from the Western sing extra.

Mill Feed.—The market is quiet, with a limited demand at \$14 50@15 50 \$\psi\$ ton for Shorts, Feed and Middlings.

Poltatoes.—There is a fair demand from the manufacturers of fried potatoes for Jackson whites at 20@30c \$\psi\$ ush., but there is no sale to the word of the water, has been a grand thing for the Western shorts, Feed and Middlings.

Poltatoes.—There is a fair demand from the manufacturers of fried potatoes for Jackson whites at 20@30c \$\psi\$ ush., but there is no sale as the cattle market for Western stands at a rise of the word of

Beans.—The market is firm for mediums at \$1 65@1 70 \$\mathcal{E}\$ bush for a choice article, and \$1 50@1 55 \$\mathcal{E}\$ bush for good ones. Pea heans are quiet, with moderate sales at \$2 65@1 75 \$\mathcal{E}\$ bush. Jobbers' prices are 10c \$\mathcal{E}\$ bush. Jobbers' prices are 10c \$\mathcal{E}\$ bush higher than the above quotations.

Hay and Straw.—The market is dull, and there is no change to note in prices. We quote prime coarse hay at \$17 00@19 00 \$\mathcal{E}\$ to in \$20 00 \$\mathcal{E}\$ ton; and once in a while a fancy lot at \$20 00 \$\mathcal{E}\$ ton; and once are an \$20 00 \$\mathcal{E}\$ ton; and coarse at \$15 00@16 00 for fine, and coarse at \$15 00@19 00 for fine, and coarse at \$15 00 00 for fine, and coarse at \$15

Coffee.—The demand is moderate, but for Java and Mocha, which are in light stock, full prices continue to be realized. Rio is dull and THE SHEEP TRADE

with a special prize, and to award another of the Majesty the Queen, for exhibiting prize animals in three different classes, the longest, to bring about the work of reproduction in the soil and through the wast kingdom of vegetable life? It is wise to look at this matter from its practical side, and then we shall lose our complaints in our addraction of the creating and disposing swidom.

EXPORTS OF LIVE CATILE.—Three atcamates from Boston, June 22d, took out readounce. The new will case in this locality that is to addraction of the creating and disposing wisdom.

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EXPORTS OF LIVE CATILE.—Three atcamates from Boston, June 22d, took out readounce our inside quotations. Long the read of the catility persued, to select the particular point at which to direct the ambition look at this matter from its practical side, and then we shall lose our complaints in our adoration of the creating and disposing wisdom.

EXPORTS OF LIVE CATILE.—Three atcamates from Boston, June 22d, took out readounce our inside quotations. Lenons and ranket was fairly represent. One of which the mean will probably be found. The summer theatres are well patronized, testing prize, and to award another to the MIL Management of the weather.

EXPORTS OF LIVE CATILE.—Three atcamates from Boston, June 22d, took out readounce our inside quotations. Lenons and readounce. Or relate ambition of the creating and disposing special quotations and the weather.

EXPORTS OF LIVE CATILE.—Three atcamates from Boston, June 22d, took out readounce our inside quotations. Lenons and the weather.

EXPORTS OF LIVE CATILE.—Three atcamates from Boston, June 22d, took out readounce our inside quotations. Lenons and the

ade
J. Weiler & Son sold 1 springer at \$27,50.
Aldrich & Johnson sold 1 cow and calf at \$35.
W. Howard sold 3 cows and calves at 306,235.
Thomas & Moon sold 1 cow and calf at \$45.
Dow & Moulton sold 2 cows and calves at \$35
ach; 1 two yrs old heifer at \$39. nue to be very firmly sustained.

We quote Carolina, fair, 63@7c; do. good —@
-e; do. prine 7@72c; do. choice —@—c; Lou-inna 64@7c; Rangoon, g 34@4c. VEAL CALVES

Supply 628 head - Prices range this week from 3656 45 fb, or a strong 3c lower than last week. Hastings & Campbell sold 104 head; F. S. Kimball 77; A. Williamson 60; F. F. Brady 60; M. T. Shackett 71; B. Dow & Moulton 100. The above were the heaviest dealers.

Stroke Pigs AND PAT HOUS.

We quote Muscovado fair at —@7le: good chining 78—e; jood to prime grocery 74@
74c; clayed, D. S., Nos. 7 to 9 —@—c; Nos. 10 to 12, ——9 —; Java, Nos. 10 to 11, 74@8c; Manillas 64@7le: Iloilos 64@—c.

Refined sugars have been in good demand, and there is a much better feeling, refiners having sold all their accumulation of last week, but as yet there has been no advance in prices. Market strong at our quotations.

TORR PIGS AND PAT HOUS.

Not any pigs offered—Fat hogs at 4½c, tor 74 mostern live weight, which shows an advance of dec.

POULTRY.

Spring chickens were sold this week at 18c—fowl 11c—Turkeys at 10c 49 fb, 1½ tons arrived.

CHICAGO CATTLE MARKET.

sold all their accumulation of last week, but as yet there has been no advance in prices. Market strong at our quotations.

We quote powdered at \$\text{9}(\text{6}\text{\$\text{\$\coloredge}\$}\text{\$\coloredge}\$\text{\$\color

FNGLAN

OR THE

BOSTON LEATHER MARKET.

: Curriers' roundings 5(a7c: Hea

t, Portland, \$3 50; do. Rondout, \$1 006

Strion Steak, b.25 ag2s	Beef Lever...
Strion Steak, b.25 ag2s	Beef Lever...
Round Steak, 15 ag2o	Corned Beef, ...
Chucks, &c. 8 ag12	Smoked Heef ...
Tripe ... 10 ag12	Beef Tongue, salt.

Veal and Mutton.

Wholesale Prices. INSIDE QUINCY MARKET.

Corrected by E. Holden & Son, Nos. 49 & 57, eef, Mess, & Family, bbl. 14 00 p.16 00 bbl, cash. 12 00 @13 00 | Tongues, bbl 24 00 @26 00 ork, Boston ex Clear, bbl. 14 00 g15 00 lotan No. 1 14 00 g15 00 lotaton No. 1 15 00 lotaton No. 2,13 00 g14 00

Talves, V b .. 7 g.. 10 | Lamb, ..., B 10 g Butter, Cheese and Eggs.

EGG#,

FASLAND AGRICULTURAL SOCIETY. POINTS OF EXCELLENCE

THE FAIR OF 1878,

SHORTHORN COW.

POINTS IN THE AYRSHIRE COW. Ear-Of full size, and of an orange col Chest - Must retain sufficient width and round-

Brisket-Not overloading the fore end, bu the points of the rumps
ters - Long, tolerably muscular, and full
upper portion, but molding into the
below, which should have a degree of
, affording thus more space for a full
The flank will let down but not heavy..6

Udder - In this breed is of more especial in ortance, as the Ayrshires have been bred almompression that such belong to animals constitution.....

Quality on Handling -Will show the skin to

POINTS OF THE AYRSHIRE BULL. The points desirable in the female are general-y so in the male, but must of course be at ended with that masculine character which i

Eyez-Full, mild and cheerful in expression... BY PANSY. 16mo. Fully illustrated. 75 c Brisket When in feeh, largely developed lescending low between the legs, and deep, by overing the anterior portion of the sternum, or revast bone, but never interfering with the action of the animal when in working condition...... Shoulder—Lying snugly and closely in toward the top, and spreading toward the points, the slade sloping somewhat back, and running pretty veil up into the withers, which by rising a very rifte above the level line on the back, gives to

Twist—Broad and full, extending well down meach side of the thigh, with corresponding width; a broad twist is a good indication of a outcher's animal. techer's animal.

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